

Fig. 1

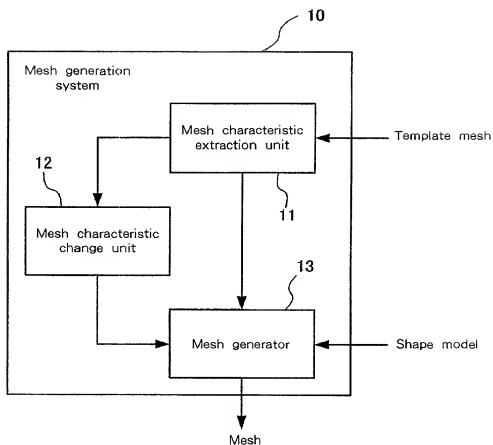


Fig. 2

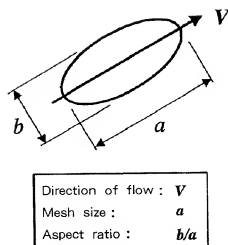
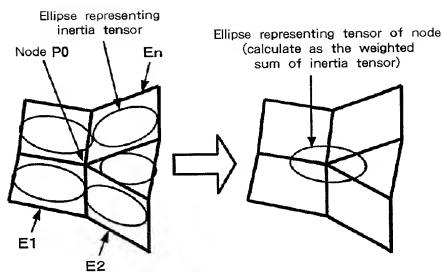


Fig. 3



(a) Tensor calculation for adjacent element (b) Tensor calculation for node

Fig. 4

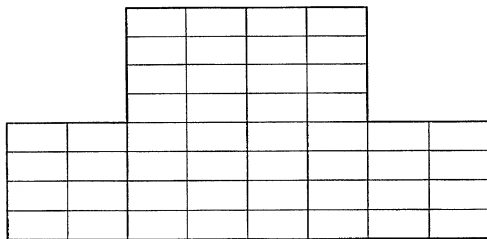
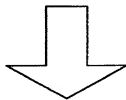
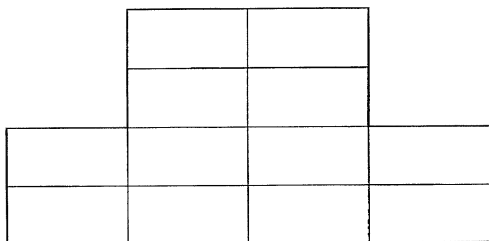


Fig. 5

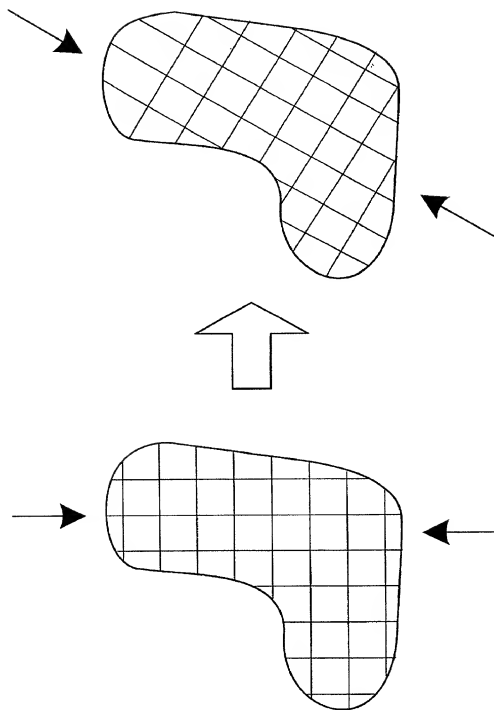


Fig. 6

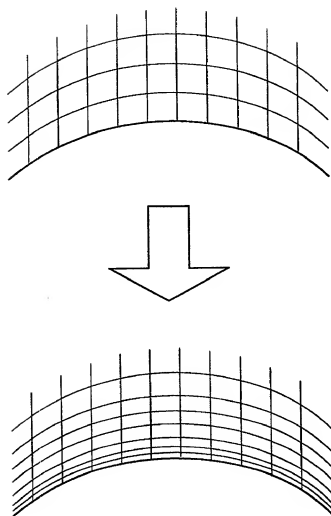


Fig. 7

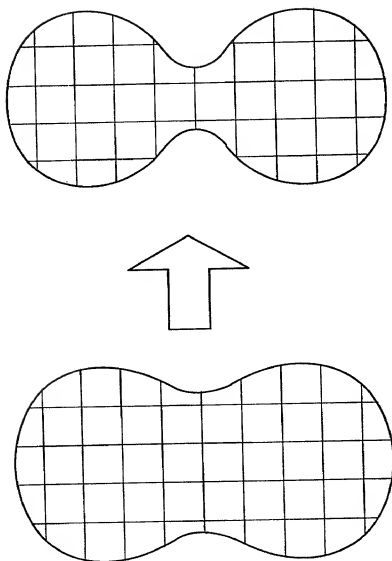


Fig. 8

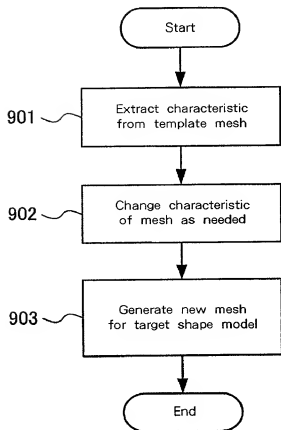


Fig. 9



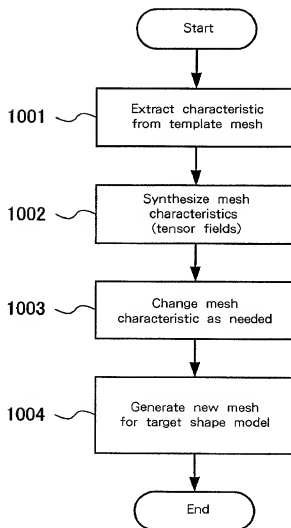


Fig. 10

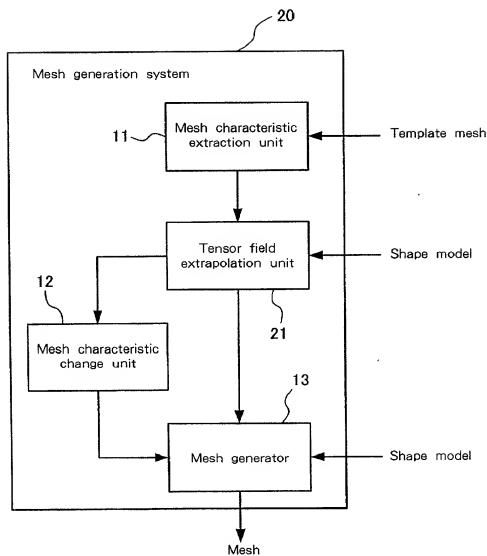
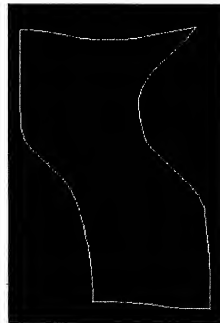
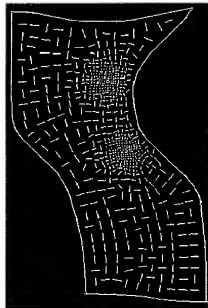


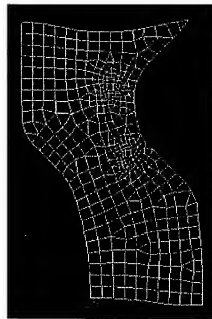
Fig. 11



(12-a) Shape model



(12-c) Tensor field



(12-b) Template mesh



(12-d) Generated mesh

Fig. 12

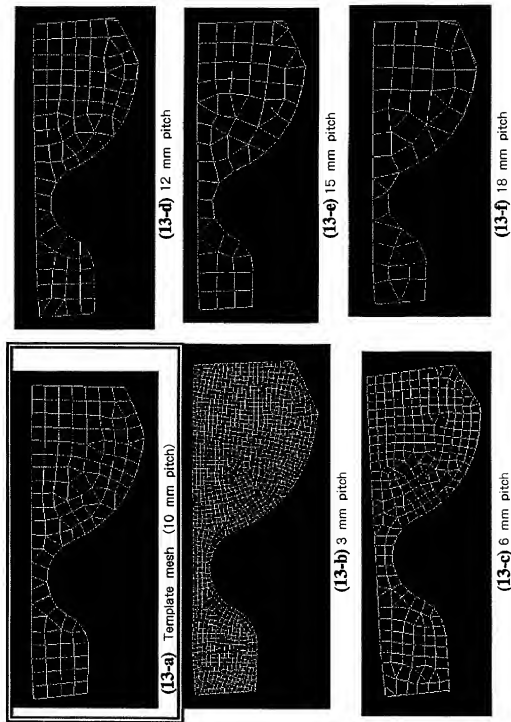
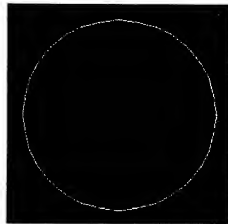
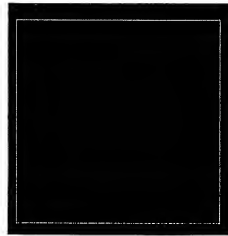


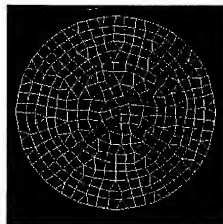
Fig. 13



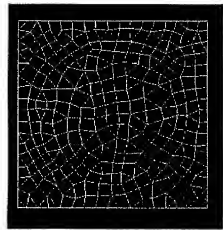
(14-a) Shape model



(14-c) Shape model

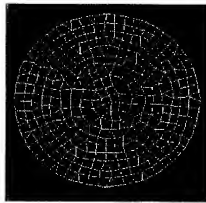


(14-b) Template mesh

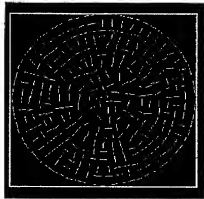


(14-d) Generated mesh

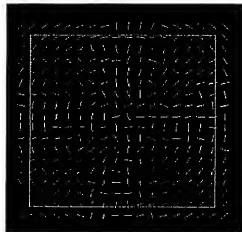
Fig. 14



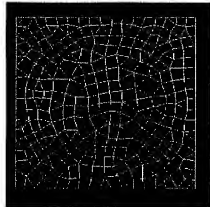
(15-a) Template mesh



(15-b) Area of shape model



(15-c) Extrapolated tensor field



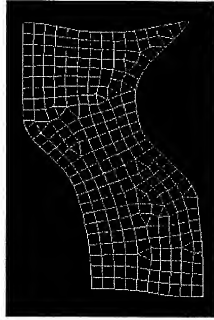
(15-d) Generated mesh



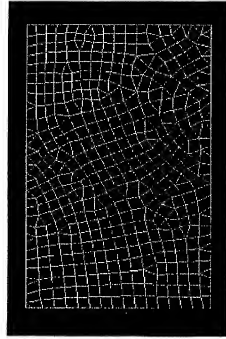
(16-a) Shape model



(16-c) Shape model

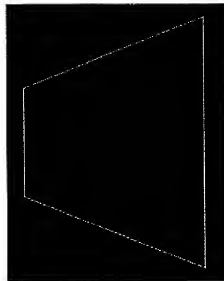


(16-b) Template mesh

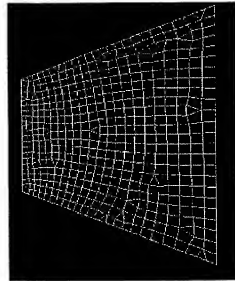


(16-d) Generated mesh

Fig. 16



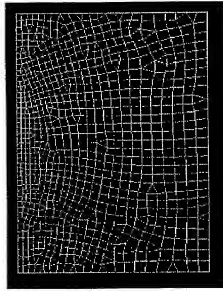
(17-a) Shape model



(17-b) Template mesh

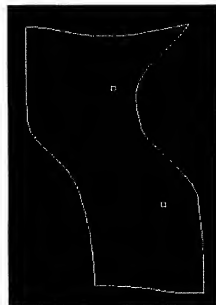


(17-c) Shape model



(17-d) Generated mesh





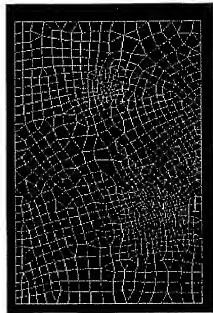
(18-a) Shape model



(18-c) Shape model

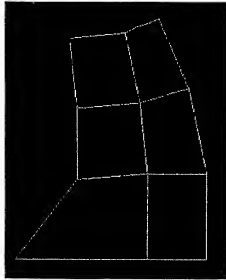


(18-b) Template mesh

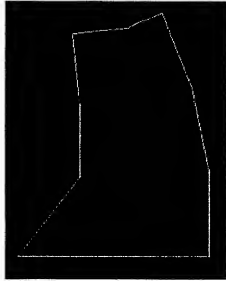


(18-d) Generated mesh

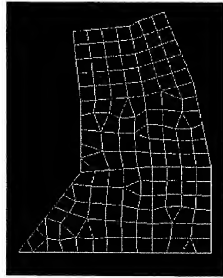
Fig. 18



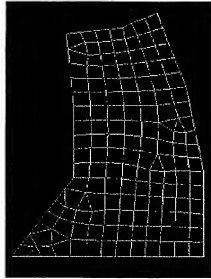
(19-a) Shape model having inner line restriction



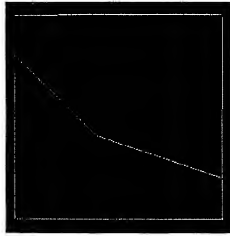
(19-c) Shape model having no inner line restriction



(19-b) Template mesh



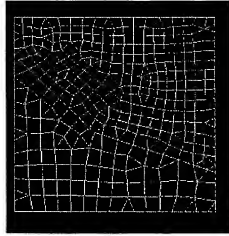
(19-d) Generated mesh



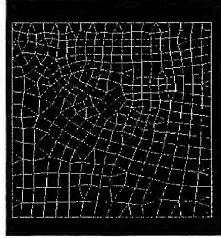
(20-a) Shape model having inner line restriction



(20-c) Shape model having no inner line restriction



(20-b) Template mesh



(20-d) Generated mesh

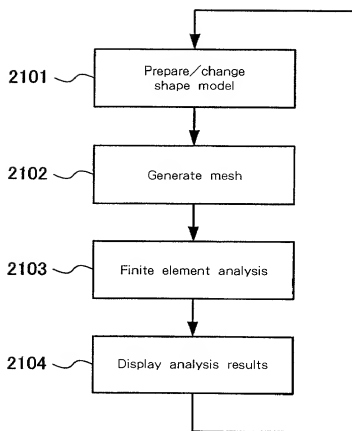


Fig. 21

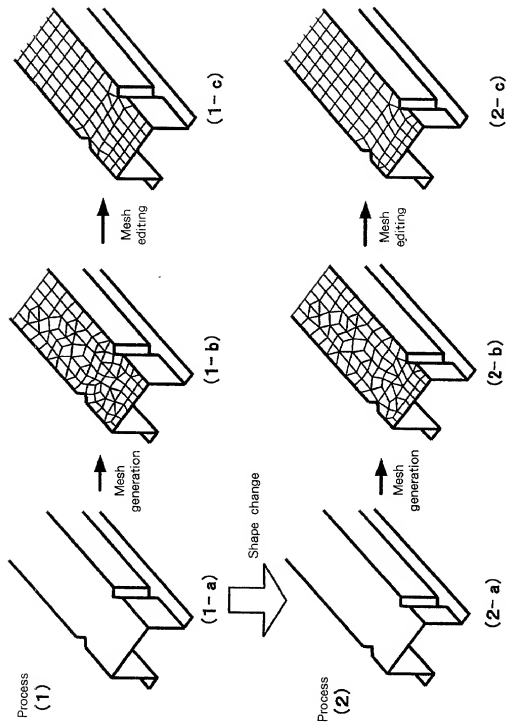


Fig. 22